

4IT Erasmus+Project, 2025-1-RO01-KA121-VET-000319082

Beneficiary:"Gheorghe Vranceanu" National College, Bacau

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MOBILITY PORTFOLIO
Paphos, Cyprus

Mobility period: 01.04.2026-14.04.2026

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RECEIVING COMPANY: LAZAROU ICT PROFESSIONALS

Practice tutor: Lazaros Lazarou

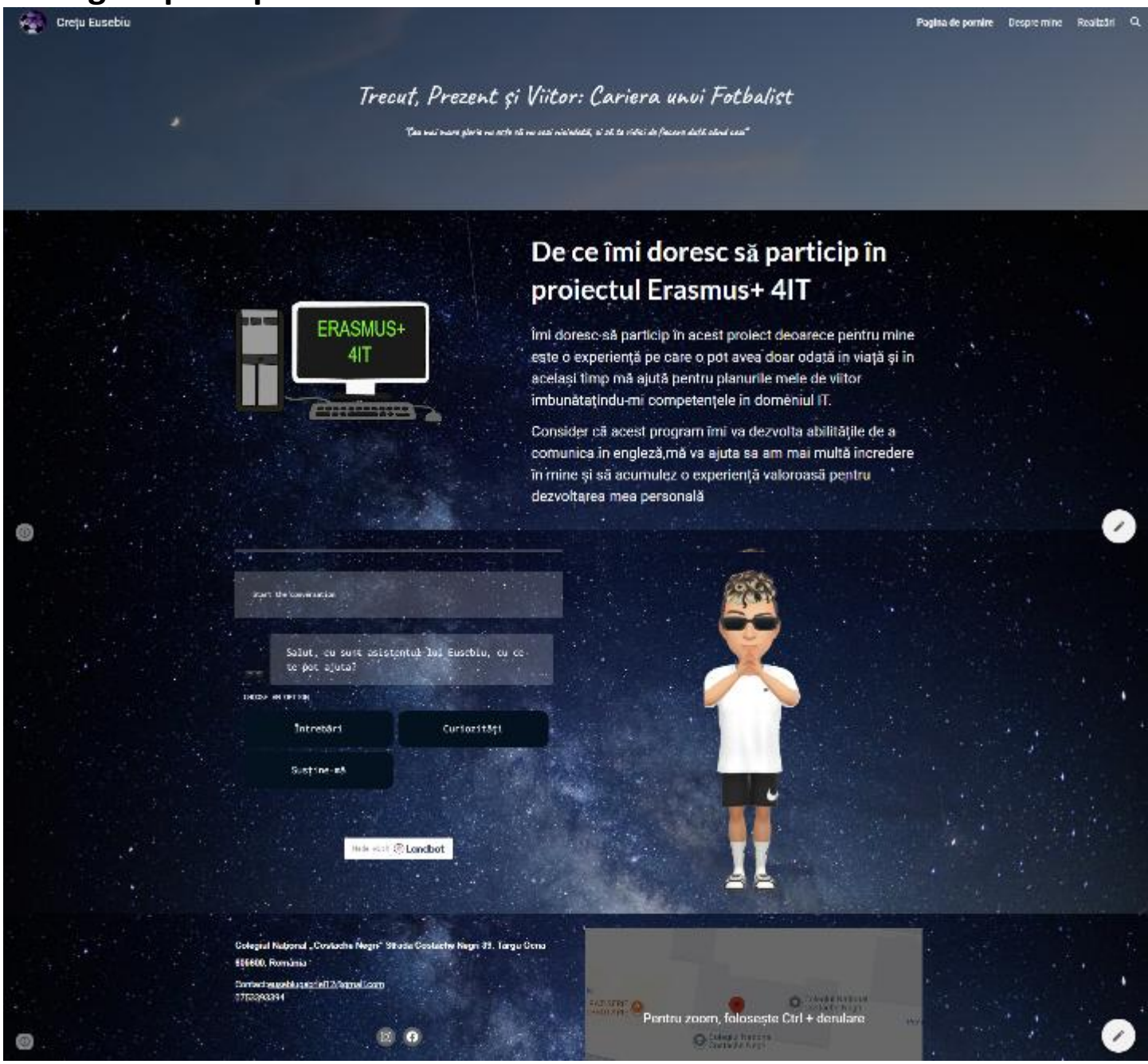
Participant: Crețu Eusebiu-Gabriel

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Sectiunea I

➢ Pagina principală



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- Motto

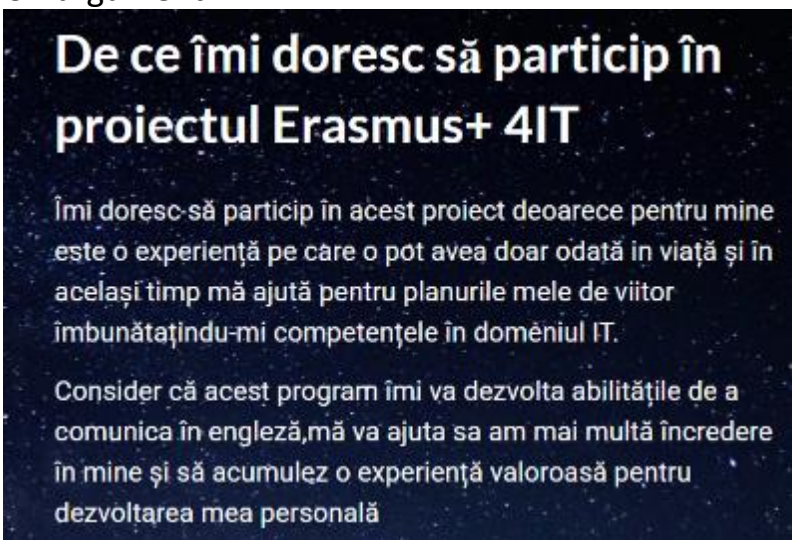
"Cea mai mare glorie nu este să nu cazi niciodată, ci să te ridici de fiecare dată când cazi"

- Logo





- Un argument



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- Un chatbot



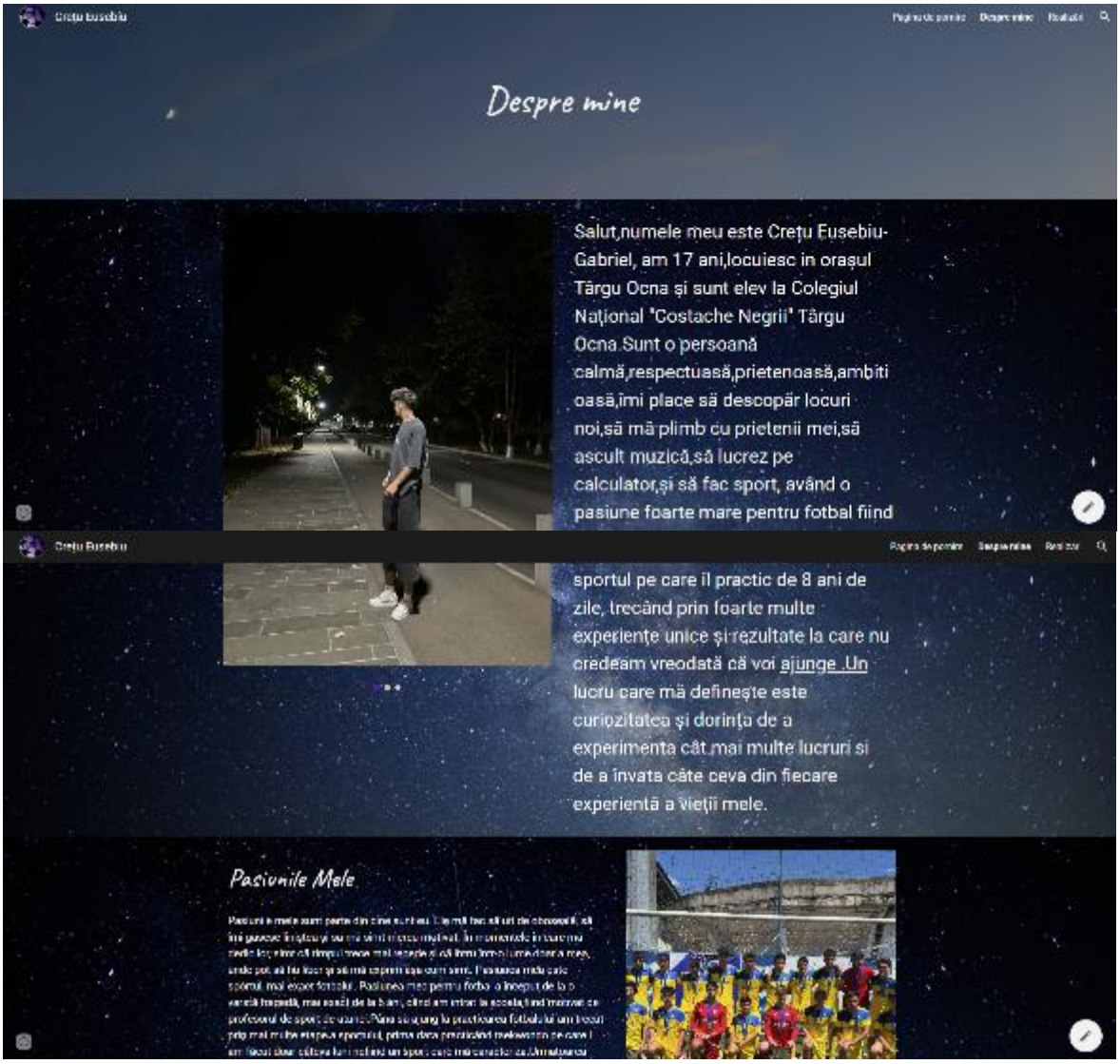
- Un avatar/gif asociat



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➢ Pagină care reflectă personalitatea, pasiunile, aspirațiile mele



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Galerie interactivă de imagini originale



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Principalele obiective culturale ale orasului Paphos



Castelul din Paphos

- **Castelul din Paphos** este unul dintre cele mai importante obiective culturale ale orașului, situat la intrarea în portul vechi. Construit inițial în perioada bizantină și refăcut de otomani, castelul a avut rol defensiv și strategic. Astăzi, acesta reprezintă un simbol al orașului și oferă o panoramă impresionantă asupra portului și Mării Mediterane.

Muzeul arheologic Paphos

- **Muzeul Arheologic din Paphos** este unul dintre cele mai importante obiective culturale ale orașului și prezintă descoperiri arheologice din zona Paphos. Expozițiile includ artefacte din perioada neolitică, greacă și romană, precum ceramică, statui și monede. Muzeul oferă o imagine clară asupra istoriei și civilizațiilor care au influențat dezvoltarea orașului de-a lungul timpului.



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Proiect Pregătire culturală și Green Society





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Sectiunea II

Practica in C++

1.Alocare dinamica a memoriei

```
int main(){
    int ARRAYSIZE = 0;
    int* intarr;
    int* temp;
    int  n = 0, tmpN=0;

    //--- Read into the array
    cout<<"How many numbers would you like to enter?:";
    cin>>ARRAYSIZE;
    intarr = new int[ARRAYSIZE];

    do{
        cout<<"Enter number "<<n+1<<" ->";
        cin >> intarr[n];
        cout<<"Number saved!"<<endl;
        n++;
        if (n >= ARRAYSIZE){
            cout<<"Out of Space!!!! would you like to e
            cin>>tmpN;
            if (tmpN > 0){
                ARRAYSIZE = ARRAYSIZE + tmpN;
                temp = new int[ARRAYSIZE];
                for (int i=0; i<n; i++) {
                    temp[i] = intarr[i];
                }
                delete [] intarr;
                intarr = temp;
                                            // now a
            }
        }

    }while (n<ARRAYSIZE);


    cout<<"Now printing the numbers you inputed"<<endl;

    for (int i=0; i<ARRAYSIZE;i++){

        cout<<intarr[i]<<endl;
    }
    delete [] intarr; //free the memory of intarr

    return 0;
}
```

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```cpp
#include <iostream>
#include <string>

using namespace std;

struct car {

    string owners_name;
      int phone_number;
    string plate_number;
    string brand;

};
int main()
{
    int ARRAYSIZE=0;
    car* cararr;
    car* temp;
    int  n = 0, tmpN=0;
    cout<<"How many cars would you like to enter?:";
    cin>>ARRAYSIZE;
    cararr = new car[ARRAYSIZE];

    do{
        cout<<"Enter owners_name "<<n+1<<" owners_name->";
        cin >> cararr[n].owners_name;
        cout<<"Enter phone_number "<<n+1<<" phone_number->";
        cout<<"Enter plate_number "<<n+1<<" plate_number->";
        cin >> cararr[n].plate_number;
        cout<<"Enter brand "<<n+1<<" brand->";
        cin >> cararr[n].brand;
        cout<<"Car saved!"<<endl;
        n++;
        if (n >= ARRAYSIZE){
            cout<<"Out of Space!!!! would you like to enter more? Please enter how many(0 to Exit): ";
            cin>>tmpN;
            if (tmpN > 0){
                ARRAYSIZE = ARRAYSIZE + tmpN;
                temp = new car[ARRAYSIZE];
                for (int i=0; i<n; i++) {
                    temp[i] = cararr[i];
                }
                delete [] cararr;
                cararr = temp;
            }
        }

    }while (n<ARRAYSIZE);


    cout<<"Now printing the car plate number you inputed"<<endl;

    for (int i=0; i<ARRAYSIZE;i++){

        cout<<cararr[i].owners_name<<" "<<endl;
        cout<<cararr[i].phone_number<<" "<<endl;
        cout<<cararr[i].plate_number<<" "<<endl;
        cout<<cararr[i].brand<<" "<<endl;

    }
    delete [] cararr;

    return 0;
}
```

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2. Programare orientate pe obiect

```
#include <iostream>
using namespace std;
/*
EXERCISE
write a program which takes input from the user
the information for cars.
you need to save the following information:
BRAND
MODEL
YEAR
HP
When you are done reading print your information on the screen


*/
class student{
    private:
        string name;
        int age;
        float ex1,ex2;

    public:
        void setName(string n){
            name=n;
        }
        void setAge(int a){age=a;}
        void setEx1(float e1){ex1=e1;}
        void setEx2(float e2){ex2=e2;}

        string getName(){return name;}
        int getAge(){return age;}
        float getEx1(){return ex1;}
        float getEx2(){return ex2;}
};

int main(){

    student st;
    student myClass[5];
    string name;
    int age;
    float e1,e2;

    st.setName("Lazaros");
    st.setAge(49);
    st.setEx1(7);
    st.setEx2(8);

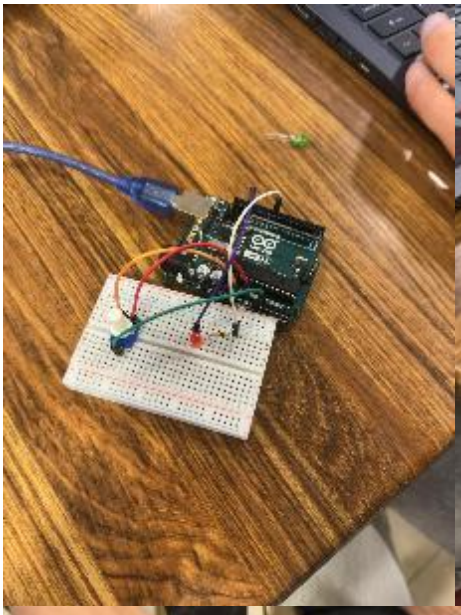
    cout<<"Name: "<<st.getName()<<endl;
    cout<<"Age: "<<st.getAge()<<endl;
    cout<<"Exam 1: "<<st.getEx1()<<endl;
    cout<<"Exam 2: "<<st.getEx2()<<endl;
    cout<<"Avg: "<<(st.getEx1()+st.getEx2())/2<<endl;

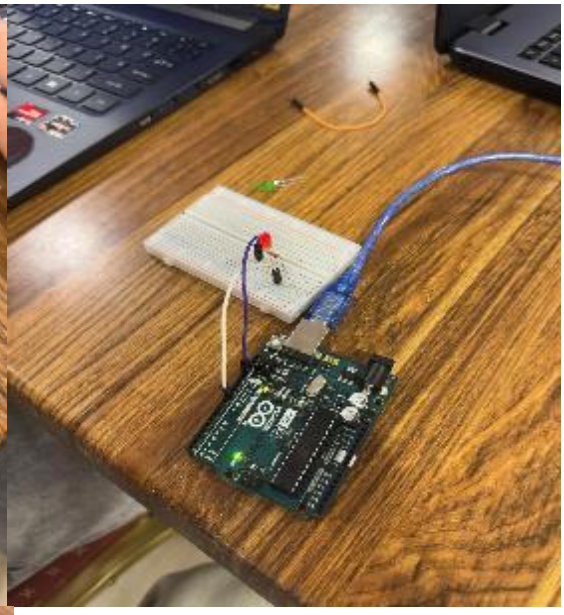

    for (int i=0;i<5;i++){
        cout<<"Name: ";
        cin>>name;
        myClass[i].setName(name);
        cout<<"Age: ";
        cin>>age;
        myClass[i].setAge(age);
        cout<<"Exam1: ";
        cin>>e1;
        myClass[i].setEx1(e1);
        cout<<"Exam 2: ";
        cin>>e2;
        myClass[i].setEx2(e2);
    }
    for (int i=0;i<5;i++){
        cout<<myClass[i].getName()<<endl;
        cout<<myClass[i].getAge()<<endl;
        cout<<myClass[i].getEx1()<<endl;
        cout<<myClass[i].getEx2()<<endl;
        cout<<"--------------------"<<endl<<endl;
    }
    return 0;
}
```

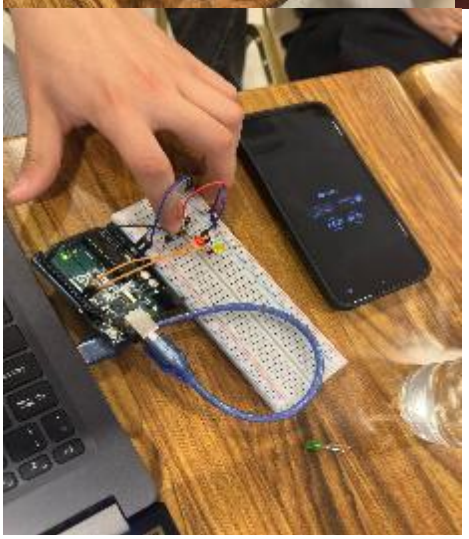
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Practica in Arduino







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